User:

Monday, 6/5/2006 7:41:13 AM

Kim Johnston

Process Sheet

Customer

: CU-DAR001 Dart Helicopters Services

Type

Job Number

: 27345

Estimate Number

: 11461

P.O. Number

:NIA

This Issue

: 6/5/2006

: NC : NIA : 25729

S.O. No. : NIA

Part Number

Drawing Name

: D314087

Drawing Number

: D3140 REV D1 : N/A

: DOUBLER

Project Number **Drawing Revision**

: D1

Material **Due Date** : N/A : 6/30/2006

Qty:

4 Um:

Each

Written By

Prsht Rev.

First Issue

Previous Run

Checked & Approved By

Comment

New Issue NG

Est. Rev B New dwg rev. ecn781 06.04.18 EC

: SMALL /MED FAB

Additional Product

Job Number:



Seq. #:

Machine Or Operation:

Description:

M2024T3S032

2024-T3 .032 sheet



Comment: Qty.:

2.1966 sf(s)/Unit Total:

8.7864 sf(s)

2024-T3 .032 sheet

Matl: 2024-T3 (QQ-A-250/4) .032" thick (M2024T3S.032) (43" x¹7" ref)

Batch M 1844

2.0

3.0

SHEAR

SHEAR



Comment: SHEAR

Cut as per dwg D3140

SMALL & MEDIUM FAB RESOURCE 1



Comment: SMALL & MEDIUM FAB RESOURCE 1

Deburr.

No sharp edges

4.0

QC5

INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP

5.0

HAND FINISHING1

HAND FINISHING RESOURCE #1



Comment: HAND FINISHING RESOURCE #1

Chemical Conversion Coat as per QSI 005 4.1



Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES									
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Mfg / Design Mgr	Approval QC Inspector				

NCR:		WORK ORDER NON-CONFORMANCE (NCR)									
	STEP	Description of NC	Corrective Action Section B			Verification					
DATE		Section A	Initial Design Mgr	Action Description Design Mgr	Sign & Date	Section C	Approval Design Mgr	Approval QC Inspector			
	1										
							ı				
							·				
		•				·					

Part No:	PAR #:	Fault Category: N	ICR:	Yes No DQA:	Date: 04/06/2
NOTE: Date & initial all entries				QA: N/C Closed:	Date:

Datè: Monday, 6/5/2006 7:41:13 AM Kim Johnston User: **Process Sheet** Customer: CU-DAR001 Dart Helicopters Services **Drawing Name: DOUBLER** Job Number: 27345 Part Number: D314087 Job Number: Description: Seq. #: **Machine Or Operation:** INSPECT POWDER COAT/CHEMICAL CONVERSION 6.0 Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION PACKAGING 1 PACKAGING RESOURCE #1 7.0 Comment: PACKAGING RESOURCE.#1 Identify and Stock moni our Location: DOCUMENT CONTROL 8.0 Comment: DOCUMENT CONTROL Inspection Level 21 Job Completion

Dart Aerospace Ltd

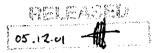
W/O:			WO	RK ORDER CHANGES				
DATE STEP		PROCEDURE CHANGE			Ву	Date Qt	Approval Mfg / Design Mgr	Approval QC Inspector
NCR:			WORK ORDE	R NON-CONFORMAN	CE (NCR))		
		Description of NC		Corrective Action Section B		Verificatio	n Approval	Approval
DATE	STEP	Section A	Initial Design Mgr	Action Description Design Mgr	Sign & Date	Section C	Design Mgr	QC Inspector
-								
Part No):	PAR #:	Fault Category	: NCR: `	es No I	DQA:	Date:	
NOTE: D	ate & initial all	l entries		(DA: N/C Clo	sed:		

H:\forms\Quality Assurance\approved forms\NCRWO revC



DESIGN DRAWN BY DS RF		I	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHEC	KED M	APPROVED A	DRAWING NO. REV. D
	HIT.	TN	D3140 SHEET 1 OF 7
DATE			TITLE SCALE
05.1	11.23		DOOR NTS
Α		02.04.18	NEW ISSUE
В		03.01.23	REMOVE -65/-81/-83; ADD -301/-303
С		04.11.08	CHANGE DELASTEK SPEC. TEC-77; ADD PART MARKING; ADD NOTES 11, 12, 13; CHANGE ANGLE -95/-97/-98 TO 106°
D		05.11.23	ADD -103/-104/-105/-106; REMOVE -67

CE.03.31 1.75 WAS 1.88; 4.75 WAS 4.13



QTY	QTY	QTY	QTY	QTY	QTY	T	
-05	-06	-07	-08	-09	-10	PART NUMBER	DESCRIPTION
Х						D3140-05	DOOR
	X					D3140-06	DOOR
		Х				D3140-07	DOOR
			Х			D3140-08	DOOR
		11		Х		D3140-09	DOUBLER ASSEMBLY
			1		Х	D3140-10	DOUBLER ASSEMBLY
3	3					D3140-57	PAD
1	1					D3140-59	PAD
2	2					D3140-61	PAD
2	2					D3140-63	PAD
		1	1			D3140-69	PAD
		1	1			D3140-71	PAD
		1	1			D3140-73	PAD
		1	1			D3140-75	PAD
		1	1			D3140-77	PAD
		1	1			D3140-79	PAD
			<u> </u>	1	1	D3140-85	ANGLE
1	1					D3140-87	DOUBLER
7				1	1	D3140-89	DOUBLER
	<u> </u>	1				D3140-91	DOUBLER
			1			D3140-92	DOUBLER
3	3					D3140-95	DOUBLER
1	<u> </u>	<u> </u>				D3140-97	DOUBLER
	1	,				D3140-98	DOUBLER
	·	1	1			D3140-99	DOUBLER
1		2	2			D3140-101	DOUBLER
,	, , , , , , , , , , , , , , , , , , ,	1				D3140-103	DOUBLER
,	1		1			D3140-104	DOUBLED /-
		1	1			D3140-105	DOUBLER SHOP COM
			1			D3140-106	DOUBLER RETURN TO
1	1		i 1			D3140-241	DOLIDI ED FNGINEERING
1		1			[D3140-301	DOUBLER THEONTROLL D CO
1	1		1		[D3140-303	DOUBLER SUBJECT TO AMI NOMEN
1			1				SUBJECT TO ASSET
, 7				5	5	MS20426AD3-4	RIVET WORK ORDER
						1	THAT IS USED IN

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DESIGN DS	DRAWN BY RF		ROSPACE LTD RY, ONTARIO, CANADA
CHECKED /	APPROVED []	DRAWING NO.	REV. D
-#	di	D3140	SHEET 2: OF 7
DATE		TITLE	SCALE
05.11.23		DOOR	NTS



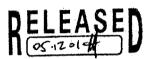
COMPOSITE LAYUP & BONDING I.A.W. DELASTEK PROCESS SPEC. TEC-77 MATERIAL STORAGE & HANDLING TO BE I.A.W. DART QSI 006 MAIN LAYUP USES FIBERCOTE E-761/7781 EPOXY FIBERGLASS. FILL WITH EPOCAST 87269 OR MAGNOBOND 77 A & B AND MA560 FOAM/ NB-51/30 FOAM



FINISH: DUPONT HIGHBUILD GREY PRIMER 1144-S

MAKE PARTS IN ACCORDANCE WITH THE FOLLOWING TOOLS/MOLDS:

PART	TOOL
D3140-05	B30-23000-01T
D3140-06	B30-23000-02T
D3140-07	B30-23000-03T
D3140-08	B30-23000-04T
D3140-57	B30-23000-57T
D3140-61	B30-23000-61T
D3140-63	B30-23000-63T
D3140-69	B30-23000-69T
D3140-71	B30-23000-71T
D3140-73	B30-23000-73T
D3140-75	B30-23000-75T
D3140-77	B30-23000-77T
D3140-79	B30-23000-79T
D3140-89	D3140-89T1
D3140-301	D3140-301T1
D3140-303	D3140-303T1





MATERIAL: 2024-T3 (QQ-A-250/4) 0.032 THICK (M2024T3S.032) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1



MATERIAL: 2024-T3 (QQ-A-250/4) 0.020 THICK (M2024T3S.020) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1



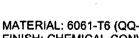
MATERIAL: 5052-H32/H34 (QQ-A-250/8) 0.040 THICK (M5052H32S.040) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1



MATERIAL: POLIMEX TR75 1" THICK 4.5 LB KLEGECELL



ALL DIMENSIONS IN INCHES



TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED



MATERIAL: 6061-T6 (QQ-A-250/11) 0.063 THICK (M6061-T6S.063) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1



DOUBLER TO SIT ON TOP OF FOAM AT THIS LOCATION



DOUBLER TO BE RECESSED FLUSH INTO FOAM AT THIS LOCATION

RUBBER STAMP WITH DART P/N D3140-05/-06/-07/-08 USING MIL-STD-130

SHOP COPY RETURN TO ENGINEERING UNCONTROLLED COPY SUBJECT TO AMENDMENT WITHOUT NOTICE

WORK ORDER

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